
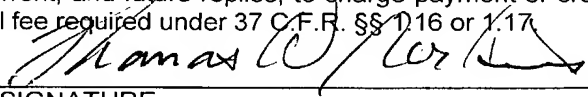


TRANSMITTAL LETTER OF THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		Attorney Docket No. 0511-1003 U.S. Application 10/088361
INTERNATIONAL APPLN. NO. PCT/FR00/02556	INTERNATIONAL FILING DATE 15 SEPTEMBER 2000	PRIORITY DATE CLAIMED 17 SEPTEMBER 1999
TITLE OF INVENTION: COOKING ASSISTANCE DEVICE		
APPLICANT(S) FOR DE/EO/US: LAURENT DESCHENES AND ANNE-MARIE PIOLET		
Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau) b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau) b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input checked="" type="checkbox"/> Copy of IDS citations 12. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 13. <input checked="" type="checkbox"/> A FIRST Preliminary Amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT Preliminary Amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)). 20. <input checked="" type="checkbox"/> Other items or information: <u>International Search Report, PCT/IPEA/409, PCT/IB/308, Application Data Sheet, Abstract of the Disclosure</u> 		

JC10 Rec'd PCT/PTO 1 8 MAR 2002

U.S. APPLICATION NO. 10/088361		INTERNATIONAL APPLN. NO. PCT/FR00/02556		ATTORNEY DOCKET NO. 0511-1003	
21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1)-(5): Neither international preliminary examination fee nor international search fee paid to USPTO and international Search Report not prepared by the EPO or JPO\$1040.00 International preliminary examination fee not paid to USPTO but International Search Report prepared by the EPO or JPO \$890.00 International preliminary examination fee not paid to USPTO but International search fee paid to USPTO\$740.00 International preliminary examination fee paid to USPTO but all claims did not satisfy provision of PCT Article 33 (1)-(4)\$710.00 International preliminary examination fee paid to USPTO and all claims satisfied provision of PCT Article 33 (1)-(4).....\$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT				CALCULATIONS PTO USE ONLY	
				\$ 890.00	
Surcharge of \$130.00 for furnishing the oath or declaration than <input type="checkbox"/> 20- <input type="checkbox"/> 30 Months from the earliest claimed priority date (37 CFR 1.492(e))				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	5 - 20 =	0	X \$18 00	\$	
Independent Claims	1 - 3 =	0	X \$84.00	\$	
MULTIPLE DEPEND CLAIM(S) (if applicable)			+ \$280.00	\$	
TOTAL OF ABOVE CALCULATION -				\$ 890.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				+	
SUBTOTAL =				\$ 890 00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492Z(f)).				\$	
TOTAL NATIONAL FEE =				\$ 890.00	
Fee for recording the enclosed assigned (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property +				\$ 40.00	
TOTAL FEES ENCLOSED -				\$ 930.00	
				Amount to be refunded:	\$
				Charged	\$
<input checked="" type="checkbox"/> A Check in the amount of \$930.00 to cover all fees is attached <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit account No. 25-0120 in the name of Young & Thompson, as described below A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.					
SEND ALL CORRESPONDENCE TO: 745 South 23 rd Street Arlington, VA 22202 Telephone (703) 521-2297 Y&T Customer No. 000466 TWP/ia Date: March 18, 2002			<div style="text-align: center;">  00466 <small>PATENT TRADEMARK OFFICE</small> </div> <div style="text-align: center; margin-top: 20px;">  SIGNATURE Thomas W. Perkins NAME 33,027 REGISTRATION NO. </div>		

10033291/088361

JC10 Rec'd PCT/PTO 1 8 MAR 2002

PATENT
0511-1003

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of: Laurent DESCHENES et al.

Appl. No.: **NEW** Group:
Filed: March 18, 2002 Examiner:
For: COOKING ASSISTANCE DEVICE

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

March 18, 2002

Sir:

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE ABSTRACT OF THE DISCLOSURE:

Please replace the Abstract of the Disclosure with the rewritten Abstract of the Disclosure attached on a separate sheet attached hereto.

IN THE CLAIMS:

Please amend the claims as follows:

3. (amended) Device for assisting in culinary preparation according to claim 1,

characterized in that the condition signals (SE) or the control signals (SC) are optical signals.

4. (amended) Device for assistance in culinary preparation according to claim 1,

characterized in that the plurality of electric household appliances (10, 20, 30) comprises at least one of the following appliances: electric food weighing appliance (10), food processor (20), oven (30).

5. (amended) Process for using the device for assisting in culinary preparation according to claim 1, consisting in assisting a user to produce a prerecorded culinary preparation of his choice by means of a plurality of electric household appliances (10, 20, 30) and by means of a monitoring and control apparatus (2), which process comprises successively the following steps:

- - 1 the user selects a culinary preparation on the monitoring and control apparatus (2);
- - 2 the monitoring and control apparatus (2) displays the steps of production of the selected culinary preparation;
- - 3 at the beginning of at least one step of production of the culinary preparation, the monitoring and control apparatus (2) receives a signal (SE) signifying the condition of at least one of the electric household appliances (10, 20, 30);
- - 4 during at least one step of production of the culinary preparation, the monitoring and control apparatus (2) emits a

■ - 5 at the end of each step of production of the culinary preparation, the monitoring and control apparatus (2) receives an end-of-step signal;

3

VERSION WITH MARKINGS TO SHOW CHANGES MADE**IN THE ABSTRACT OF THE DISCLOSURE:**

The Abstract of the Disclosure has been amended as follows:

ABSTRACT**COOKING ASSISTANCE DEVICE**

~~The invention relates to a~~ device for assisting in culinary preparation, ~~comprising~~includes a plurality of electric household appliances 10, 20, 30 and a remote monitoring and control apparatus~~2~~.

~~According to the invention, the~~2. A user can select a prerecorded culinary preparation that is modeled as a sequence of steps of preparation and, in the course of at least one step, the monitoring and control apparatus 2 receives a condition signal SE from certain of the electric household appliances, and emits toward certain others a control signal SC dependent on the one hand on condition signals SE and on the other hand of prerecorded operational parameters.

~~Figure to be published with the abstract: single figure~~

IN THE CLAIMS:

The claims have been amended as follows:

3. (amended) Device for assisting in culinary preparation according to claim 1 ~~or 2~~,

characterized in that the condition signals (SE) or the control signals (SC) are optical signals.

4. (amended) Device for assistance in culinary preparation according to ~~any one of claims 1 to 4~~, claim 1,

characterized in that the plurality of electric household appliances (10, 20, 30) comprises at least one of the following appliances: electric food weighing appliance (10), food processor (20), oven (30).

5. (amended) Process for using the device for assisting in culinary preparation according to ~~any one of claims 1 to 4~~, claim 1, consisting in assisting a user to produce a prerecorded culinary preparation of his choice by means of a plurality of electric household appliances (10, 20, 30) and by means of a monitoring and control apparatus (2), which process comprises successively the following steps:

- - 1 the user selects a culinary preparation on the monitoring and control apparatus (2);
- - 2 the monitoring and control apparatus (2) displays the steps of production of the selected culinary preparation;
- - 3 at the beginning of at least one step of production of the culinary preparation, the monitoring and control apparatus (2) receives a signal (SE) signifying the condition of at least one of the electric household appliances (10, 20, 30);

- - 4 during at least one step of production of the culinary preparation, the monitoring and control apparatus (2) emits a control signal (SC) to at least one of the electric household appliances (10, 20, 30);
- - 5 at the end of each step of production of the culinary preparation, the monitoring and control apparatus (2) receives an end-of-step signal;
- - 6 the process ends or step 3 is repeated.

ANNUAL REPORT OF THE

ABSTRACT

COOKING ASSISTANCE DEVICE

A device for assisting in culinary preparation, includes a plurality of electric household appliances 10, 20, 30 and a remote monitoring and control apparatus 2. A user can select a prerecorded culinary preparation that is modeled as a sequence of steps of preparation and, in the course of at least one step, the monitoring and control apparatus 2 receives a condition signal SE from certain of the electric household appliances, and emits toward certain others a control signal SC dependent on the one hand on condition signals SE and on the other hand of prerecorded operational parameters.

1/ppts

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COOKING ASSISTANCE DEVICE 10 Rec'd PCT/PTO 18 MAR 2002

The invention relates to a device for assisting in cooking preparation and to a process used in such a device;
5 it relates to the field of electric household devices.

The invention has for its principal object to enable the user to have a choice of cooking recipes and to guide him in the preparation of these recipes, by simplifying the use of electric household appliances necessary for the
10 preparation.

To do this, the invention provides a process for assisting in cooking preparation, consisting in aiding a user to produce a prerecorded culinary preparation of his choice by means of a plurality of electric household
15 appliances and a monitoring and control apparatus, which process comprises the following steps:

- the user selects a cooking preparation in the monitoring and control apparatus;
- the monitoring and control apparatus displays its steps
20 for the production of the selected cooking preparation;
- at the beginning of at least one step for producing the culinary preparation, the monitoring and control apparatus receives a signal indicating the condition of at least one of the electric household appliances;

■ during at least one step of producing the culinary preparation, the monitoring and control apparatus emits a control signal toward at least one of the electric household apparatus;

5 ■ at the end of each step of producing the culinary preparation, the monitoring and control apparatus receives an end-of-step signal.

A device is also provided by the invention, which permits the practice of the process constituting the other
10 object of the invention.

It is a device for assisting in culinary preparation, comprising a plurality of electric household appliances and apparatus for monitoring and remotely controlling said electric household appliances, the monitoring and control
15 apparatus being provided with display means and selection means, and being adapted to receive condition signals characteristic of the condition of said electric household appliances and to emit control signals to them.

According to the invention, the selection means permit
20 the user to select a culinary preparation which is
prerecorded and modeled as a sequence of preparation steps,
of which certain ones taken alone constitute an elementary
assisted phase using a first group of electric household
appliances and associating with each of them operating

parameters, and in that, in the course of at least one assisted elementary phase, the monitoring and control apparatus receives a condition signal from each of the electric household appliances of a second group, and emits
5 toward each of the electric household appliances of the first group a control signal dependent on the one hand on said condition signals and on the other hand on operation parameters associated with each of the electric household appliances of the first group and with said assisted
10 elementary phase.

Other characteristics and advantages of the invention will become apparent from the following description, given by way of non-limiting example, with reference to the single figure, which shows schematically an assistance
15 device according to the invention.

In the figure, there is shown a device 1 for assisting in culinary preparation, called "interactive", which comprises a plurality of electric household appliances 10, 20, 30 and a monitoring and control apparatus 2 for said
20 electric household appliances. The monitoring and control apparatus 2 is provided with display means 3 and with selection means 4, which permit presenting respectively on a screen and on a keyboard, or can be gathered on a tactile screen which if desired is associated with a pointer. This

type of apparatus is known and widely used in the form of pocket computers, operating with battery feed, rechargeable when the apparatus is placed on a base connected to a local electrical supply network. The apparatus is adapted to
5 receive condition signals SE characteristic of the condition of the electric household apparatus 10, 20, 30 and to emit toward them control signals SC.

The selection means 4 permit a user to select a prerecorded culinary preparation modeled as a sequence of
10 preparation steps. This modeling is accessible to the user, either by being memorized directly in the monitoring and control apparatus 20, or by data exchange with a remote server, to which the apparatus can be connected by any known suitable means, for example by means of a cable
15 network.

The electric household appliances 10, 20, 30 are those which take part in the culinary preparation selected by the user: these are for example a food weighing apparatus 10, a food processor 20 and an oven 30.

20 Certain ones of the preparation steps, taken alone, in contrast to a purely manual prefatory phase to be carried out by the user without recourse to any of the electric household appliances at his disposal, constitute an assisted elementary phase using a first group of electric

household appliances by associating operating parameters with each of them.

The first group of appliances can be comprised as the "active" group of appliances during said phase, which will be supposed in what follows by way of simplification, but can extend to any appliance receiving a control signal SC no matter what its nature, including a stop or blockage signal.

The modeling of the culinary preparation consists not only in the description and sequencing of the prefatory steps, as is used in a traditional presentation of a kitchen recipe, but also in carrying out, for a given assisted elementary phase, operating parameters for each electric household appliance that is active during this phase; these parameters can for example be a speed of rotation of the shaft of the food processor 20, a temperature and cooking time for the oven 30.

In the course of at least one assisted elementary phase, the monitoring and control apparatus 2 receives a condition signal SE from each of the electric household appliances 10, 20, 30 of a second group, and emits toward each of the electric household appliances of the first group a control signal SC dependent on the one hand on said condition signals SE and, on the other hand, on the

operating parameters associated with each of the electric household appliances 10, 20, 30 of the first group and with said assisted elementary phase. The elaboration of control signals SC from the condition signals SE of certain appliances permits taking account, in the course of instructions and the performance of the prefatory steps, of the previous steps and of the constraints due to the appliances 10, 20, 30. For example, it can be provided that the monitoring apparatus 2 can emit a heating command to the oven 30 only when the oven 30 is powered, and that the previous step using the processor 20 has been carried out. The performance of the prior step can be signaled by the condition - "stopped" consecutive to the lapse of a predetermined actuation time - of the processor 20, or else by an action of the user. If this cooking step in the oven 30 is considered to be the last step in a given culinary preparation, the oven 30 constitutes the "active" apparatus - of the first group -, and the processor as well as the oven the appliances in the second group, which is to say whose condition is controlled before emission by the monitoring and control apparatus 2 of a control signal SC to the "active" apparatus. It will be seen that one or several appliances can both take part in the first and

second group of appliances, which is to say be monitored before receiving a control signal.

According to a particular characteristic of the invention, the electric household appliances 10, 20, 30 and the monitoring and control apparatus 2 are connected by a cable network, by which are transmitted the condition signals SE and the control signals SC. The cable network can be the electric supply network itself, an internal network specifically dedicated to an assembly of household appliances, or else a network used for telephones with the condition that the electric household appliances 10, 20, 30 be provided with a modem.

Alternatively, or in combination, the condition signals SE or the control signals SC are optical signals, which are for example transmitted by a cable network of optical fibers. In the present state of domestic equipment, and for considerations of cost, it is preferable to provide that the optical signals be of the infrared type with a cable-free mode of transmission.

The invention also provides a process which is particularly adaptable to be used with a device for assisting in culinary preparation of the type which will be described.

Such a process for assistance in culinary preparation consists in helping a user produce a prerecorded culinary preparation of his choice by means of a plurality of electric household appliances 10, 20, 30 and with a monitoring and control apparatus 2. It comprises successively the following steps:

- 1 the user selects a culinary preparation on the monitoring and control apparatus 2;
- 2 the monitoring and control apparatus 2 displays the steps to be carried out for the selected culinary preparation; preferably, the display progresses taking account of the progress of the production of the recipe, by displaying the description of the step that is being performed;
- 3 at the beginning of at least one step for carrying out the culinary preparation, the monitoring and control apparatus 2 interrogates at least one of the electric household appliances 10, 20, 30 and receives a signal SE indicative of its condition; such an SE signal permits for example the monitoring and control apparatus 2 to determine whether said household appliance 10, 20, 30 is ready to operate, which is to say is powered;
- 4 during at least one step of production of the culinary preparation, the monitoring and control apparatus 2 emits a

control signal SC to at least one of the electric household appliances 10, 20, 30; the control signal SC is emitted for example when the user selects, on the selection means 4, an operative instruction, the control signal SC containing the parameters of operation of the appliance 10, 20, 30 for the phase in question. It can relate for example to time and cooking temperature delivered to an oven 30;

- 5 at the end of each step of production of the culinary preparation, the monitoring and control apparatus 2

10 receives an end-of-step signal; this signal permits the
monitoring and control apparatus 2 to make use of the
information according to which a step in the preparation
has been carried out, and to position itself in the process
of preparation so as to provide the display, the operating
15 parameters and the identity of the appliance to be
interrogated;

- 6 the process ends when the preparation is achieved, or repeats step 3.

The invention, as has been seen, provides an
20 interactive mode for the use of electric household
appliances, in which the utilizer is the guide during all
the progress of a preparation, the dialogue interface
between the electric household appliances and the user
being constituted by the monitoring and control apparatus

and the electric household appliances being mutually influenced by means of the same monitoring and control apparatus.

If the process which has been described is used to
5 produce a simple preparation requiring the intervention of three types of appliances, namely a food weighing scale 10, a processor 20 and an oven 30, the interactive character of the process can be illustrated as follows:

The user which has selected a prerecorded recipe,
10 follows the instructions which are displayed on the screen 3 of the monitoring and control apparatus 2; the monitoring and control apparatus 2 interrogates the scales 10 so as to determine whether it is in operative condition: if not, a message indicate to the user that it is necessary to hook
15 up this appliance 10; the monitoring apparatus 2 then indicates to the user that he must weight a certain quantity of foodstuff, the scales receiving for its part a target value of weight; when the user places the foodstuff on the scales 10, the latter emits weight data to the
20 monitoring apparatus 2 which can dialog with the user as a function of these data; once the target value is reached and the product is withdrawn from the scale 10, the end of the first step is signaled to the monitoring apparatus 2, which permits triggering the beginning of the second step,

during which the foodstuff must be treated in the food processor 20; the monitoring apparatus 2, which has received a condition signal SE indicating that the processor 20 is powered, delivers to it a control signal SC
5 which consists of a speed of rotation of the knife and a start signal, after the user has confirmed the beginning of the phase; during this phase, the monitoring and control apparatus 2 can give to the oven 30 a preheating order, and then adjust the temperature of the oven 30 as a function of
10 the time at which the user validates the beginning of the cooking phase, after the processor 20 has been stopped.

As can be seen, the invention opens a wide range of possibilities corresponding to more or less guided procedures, which permit the user, even if he is totally
15 inexperienced in the use of electric household appliances and in the production of culinary recipes, to optimize the use of his electric household appliances.

CLAIMS

1. Device for assisting in culinary preparation, comprising a plurality of electric household appliances (10, 20, 30) and a remote monitoring and control apparatus (2) for said electric household appliances (10, 20, 30), the monitoring and control apparatus (2) being provided with display means (3) and selection means (4), and being adapted to receive condition signals (SE) characteristic of the condition of said electric household appliances and to emit toward them control signals (SC),

characterized in that the selection means (4) permit a user to select a prerecorded culinary preparation which is modeled as a series of steps of preparation, of which certain ones taken alone constitute an assisted elementary phase using a first group of electric household appliances by associating with each of them operating parameters, and in that, in the course of at least one assisted elementary phase, the monitoring and control apparatus (2) receives a condition signal (SE) from each of the electric household appliances of a second group, and emits toward each of the electric kitchen appliances of the first group a control signal (SC) dependent on the one hand on said condition signals (SE), and on the other hand on the operational

parameters associated with each of the electric household appliances of the first group and with said assisted elementary phase.

5 2. Device for assistance in culinary preparations
according to claim 1,

characterized in that the electric household appliances (10, 20, 30) and the monitoring and control apparatus (2) are interconnected by a cable network, by which the condition signals (SE) and the control signals (SC) are transmitted.

3. Device for assisting in culinary preparation
according to claim 1 or 2,

15 characterized in that the condition signals (SE) or
the control signals (SC) are optical signals.

4. Device for assistance in culinary preparation
according to any one of claims 1 to 4,

20 characterized in that the plurality of electric household appliances (10, 20, 30) comprises at least one of the following appliances: electric food weighing appliance (10), food processor (20), oven (30).

5. Process for using the device for assisting in culinary preparation according to any one of claims 1 to 4, consisting in assisting a user to produce a prerecorded culinary preparation of his choice by means of a plurality of electric household appliances (10, 20, 30) and by means of a monitoring and control apparatus (2), which process comprises successively the following steps:

■ - 1 the user selects a culinary preparation on the monitoring and control apparatus (2);

10 ■ - 2 the monitoring and control apparatus (2) displays the steps of production of the selected culinary preparation;

■ - 3 at the beginning of at least one step of production of the culinary preparation, the monitoring and control apparatus (2) receives a signal (SE) signifying the condition of at least one of the electric household appliances (10, 20, 30);

20 ■ - 4 during at least one step of production of the culinary preparation, the monitoring and control apparatus (2) emits a control signal (SC) to at least one of the electric household appliances (10, 20, 30);

■ - 5 at the end of each step of production of the culinary preparation, the monitoring and control apparatus (2) receives an end-of-step signal;

■ - 6 the process ends or step 3 is repeated.

ABSTRACT

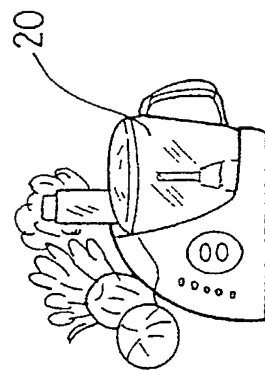
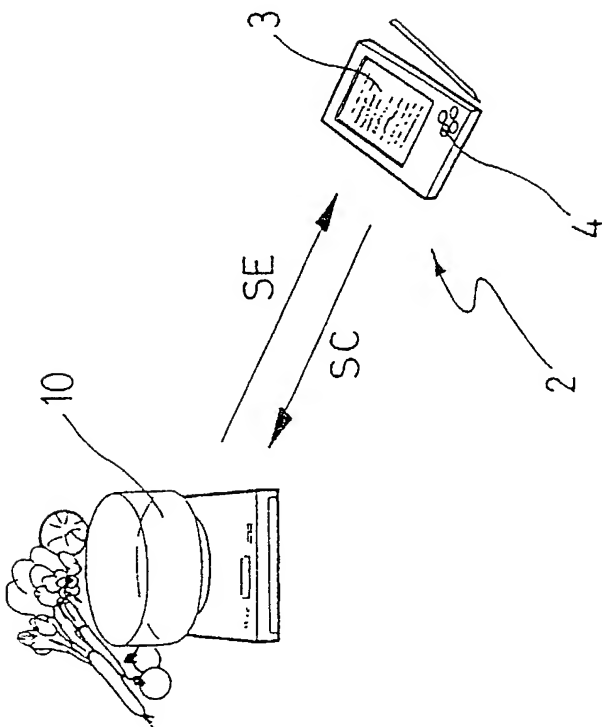
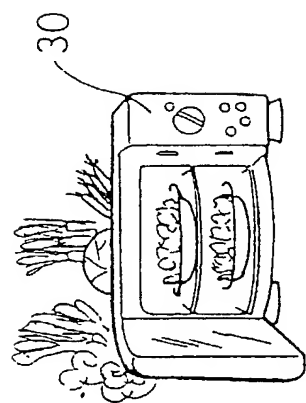
COOKING ASSISTANCE DEVICE

The invention relates to a device for assisting in
culinary preparation, comprising a plurality of electric
household appliances 10, 20, 30 and a remote monitoring and
control apparatus 2.

According to the invention, the user can select a prerecorded culinary preparation that is modeled as a sequence of steps of preparation and, in the course of at least one step, the monitoring and control apparatus 2 receives a condition signal SE from certain of the electric household appliances, and emits toward certain others a control signal SC dependent on the one hand on condition signals SE and on the other hand of prerecorded operational parameters.

Figure to be published with the abstract: single figure

1/1



10/088361

JC10 Rec'd PCT/PTO 1 8 MAR 2002

Application Data Sheet**Application Information**

Application Type:: Regular
Subject Matter:: Utility
Suggested Classification::
Suggested Group Art Unit::
CD-ROM or CD-R?: None
Number of CD disks::
Number of Copies of CDs::
Sequence Submission?: None
Computer Readable Form (CRF):: No
Number of copies of CRF:: 0
Title:: COOKING ASSISTANCE DEVICE
Attorney Docket Number:: 0511-1003
Request for Early Publication?: No
Request for Non-Publication?: No
Suggested Drawing Figure::
Total Drawing Sheets:: 1
Small Entity?: No
Latin Name::
Variety Denomination Name::
Petition Included?: No
Petition Type::
Licensed US Gov't Agency::
Contract or Grant Numbers::
Secrecy Order in Parent Appl.?: No

Applicant Information

Applicant Authority Type::	Inventor
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State or Province of Mailing Address::	
Country of Mailing Address::	FRANCE
Postal or Zip Code of Mailing Address::	F-14280

Applicant Authority Type::	Inventor
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Status::	Full Capacity
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Middle Name::	
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State or Province of Residence::	
Country of Residence::	FRANCE
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Address::	
City of Mailing Address::	SAINT AUBIN SUR MER
State or Province of Mailing Address::	
Country of Mailing Address::	FRANCE
Postal or Zip Code of Mailing Address::	F-14750

Correspondence Information

Correspondence Customer Number:: 000466

Representative Information

Representative Customer Number::	000466
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Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application	National Stage of	PCT/FR00/02556	9/15/00

Foreign Priority Information

Country::	Application Number::	Filing Date::	Priority Claimed::
FRANCE	99/11810	9/17/99	Yes

Assignment Information

Assignee Name:: SEB S.A.
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 City of Mailing Address:: ECULLY
 State or Province of Mailing Address::
 Country of Mailing Address:: FRANCE
 Postal or Zip Code of Mailing Address:: 69130

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: COOKING AID DEVICE

the specification of which: (check one)

REGULAR OR DESIGN APPLICATION

- ☐ is attached hereto.
- ☐ was filed on _____ as application Serial No _____
and was amended on _____ (if applicable).

PCT FILED APPLICATION ENTERING NATIONAL STAGE

- ☒ was described and claimed in International application No. PCT /FR00/02556 filed on September 15, 2000 and as amended on _____ (if any).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

PRIORITY CLAIM

I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

Country	Application Number	Date of Filing (day, month, year)	Priority Claimed
France	99/11810	17 September 1999	Yes

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional patent application(s) listed below:

Application No.	Filing Date	Status (patented, pending abandoned)
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(Complete this part only if this is a continuing application.)

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Filing Date	Status (patented, pending abandoned)
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Docket No. 0511-1003

POWER OF ATTORNEY

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from SPB S.A. as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

As a named inventor, I hereby appoint the registered patent attorneys represented by Customer No. 000468 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, including: Robert J. PATCH, Reg. No. 17,366; Andrew J. PATCH, Reg. No. 32,925; Robert F. HARGEST, Reg. No. 25,590; Benoit CASTEL, Reg. No. 35,041; Thomas W. PERKINS, Reg. No. 33,027; Roland E. LONG, Jr., Reg. No. 41,949, and Eric JENSEN, Reg. No. 37,855, (2)

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745 South 23rd Street,
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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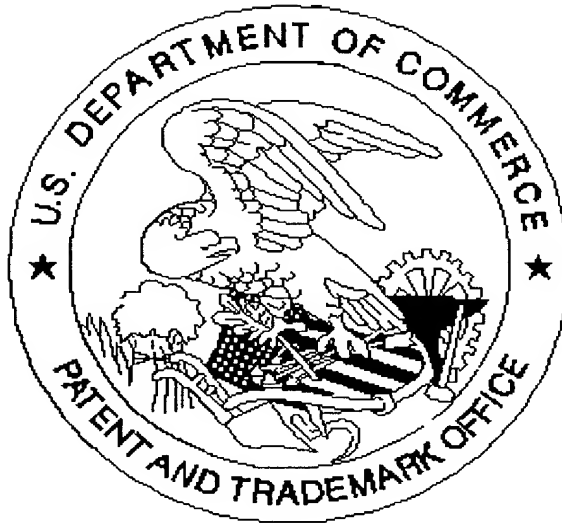
Date: _____

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Citizenship: _____

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